



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Amit KUMAR et al. Docket No.: UNF.P.9336
Serial No: 10/669,225 Examiner: not assigned yet
Filed: September 24, 2003 Group Art Unit: 1724
For: EXHAUST GAS TREATMENT DEVICE AND METHOD FOR MAKING
THE SAME

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Laura A. Rash
(signature of person mailing paper)

3-18-04
(date)

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
BEFORE A FIRST OFFICE ACTION ON THE MERITS
(37 C.F.R. §1.97(b)(3))**

Pursuant to 37 CFR §1.97 encouraging the filing of an Information Disclosure Statement, Applicants submit this paper in compliance with their duty of disclosure as set forth in 37 C.F.R. §1.56.

Applicants wish to introduce art having some relevance to the present application, which has been listed on attached Forms PTO/SB/08A and PTO/SB/08B. These forms include seventy-two (72) granted United States patent documents, four (4) foreign patent documents, four (4) United States Patent Application Publication documents, two (2) United States Patent Applications, and two (2) non-patent literature items. No representation is made that a specific search has been made by Applicants, that the information is material to the claimed subject matter, or that the information represents the only or the best information.

Applicants do not admit that any of the information provided is necessarily prior to their invention, but rather it is information of which Applicants are aware and believe should be provided to the Office in fulfillment of the duty of disclosure. Any question that may arise regarding the priority of a specific document shall be resolved during prosecution.

The information provided is in the English language. The referenced art is being cited for the express purpose of providing the Patent and Trademark Office with the opportunity to make an evaluation and to arrive at an independent assessment of materiality of each document, if any, to the examination of this application.

The USPTO has waived the requirement under 37 C.F.R. §1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. patent applications filed after June 30, 2003, and for all international applications that have entered the national stage under 35 U.S.C. §371 after June 30, 2003. 1273 TMOG 55 (August 5, 2003). As this application was filed after June 30, 2003, Applicant has not submitted copies of the U.S. patents that are cited on form PTO/SB/08A enclosed herewith. However, Applicants have enclosed copies of the foreign patent documents and non-patent documents cited on Forms PTO/SB/08A and PTO/SB/08B. Additionally, Applicants have enclosed a copy of pending, unpublished United States Serial No. 09/560,469.

Applicants respectfully request that the information cited be made of record in the subject case.

**IDENTIFICATION OF TIME OF FILING THE INFORMATION
DISCLOSURE STATEMENT**

The Information Disclosure Statement is being submitted before a first office action on the merits of the application. No fee is due with the filing of this paper. 37 C.F.R. §1.97(b)(3).

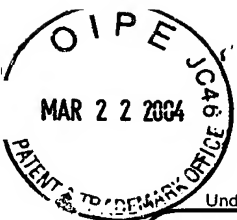
Respectfully submitted,



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3-18-2004

Date



PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/669,225
Filing Date	September 24, 2003
First Named Inventor	Amit Kumar
Art Unit	1724
Examiner Name	not yet assigned
Attorney Docket Number	UNF.P.9336

Sheet 1 of 5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2,624,658	01-06-1953	Parker et al.	
		US- 3,227,241	01-04-1966	Mattoon	
		US- 3,458,329	07-29-1969	Owens et al.	
		US- 3,771,967	11-13-1973	Nowak	
		US- 3,795,524	03-05-1974	Sowman	
		US- 3,798,006	03-19-1974	Balluff	
		US- 3,876,384	04-08-1975	Santiago et al.	
		US- 3,891,396	06-24-1975	Musall et al.	
		US- 3,916,057	10-28-1975	Hatch et al.	
		US- 3,996,145	12-07-1976	Hepburn	
		US- 4,048,363	09-13-1977	Langer et al.	
		US- 4,087,039	05-02-1978	Balluff	
		US- 4,142,864	03-06-1979	Rosynsky et al.	
		US- 4,159,205	06-26-1979	Miyahara et al.	
		US- 4,220,559	09-02-1980	Polinski	
		US- 4,239,733	12-16-1980	Foster et al.	
		US- 4,256,700	03-17-1981	Smith et al.	
		US- 4,269,807	05-26-1981	Bailey et al.	
		US- 4,277,269	07-07-1981	Sweeting	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		CA-1037973	09-05-1978	Babcock, Wilcox		
		JP-7-286514	10-31-1995	Sasaki et al.		
		GB-1513808	06-07-1978	MN Mining Manu.		
		GB-1481133	07-27-1977	Babcock, Wilcox		

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Considered

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STATEMENT BY APPLICANT**

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Sheet 2 of 5**Complete if Known**

Application Number	10/669,225
Filing Date	September 24, 2003
First Named Inventor	Amit Kumar
Art Unit	1724
Examiner Name	not yet assigned
Attorney Docket Number	UNF.P.9336

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		Number-Kind Code ² (if known)			
		US- 4,279,864	07-21-1981	Nara et al.	
		US- 4,305,992	12-15-1981	Langer et al.	
		US- 4,327,145	04-27-1982	Mitani et al.	
		US- 4,328,187	05-04-1982	Musall et al.	
		US- 4,335,077	06-15-1982	Santiago et al.	
		US- 4,344,921	08-17-1982	Santiago et al.	
		US- 4,353,872	10-12-1982	Midorikawa	
		US- 4,385,135	05-24-1983	Langer et al.	
		US- 4,425,304	01-10-1984	Kawata et al.	
		US- 4,432,943	02-21-1984	Musall et al.	
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		US- 4,735,757	04-05-1988	Yamamoto et al.	
		US- 4,746,570	05-24-1988	Suzaki et al.	
		US- 4,752,515	06-21-1988	Hosoi et al.	
		US- 4,863,700	09-05-1989	Ten Eyck	
		US- 4,865,818	09-12-1989	Merry et al.	
		US- 4,929,429	05-29-1990	Merry	
		US- 4,999,168	03-12-1991	Ten Eyck	

FOREIGN PATENT DOCUMENTS

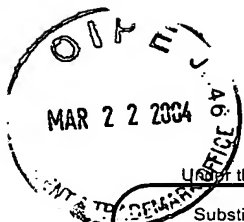
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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Sheet **3** of **5****Complete if Known**

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First Named Inventor	Amit Kumar
Art Unit	1724
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Attorney Docket Number	UNF.P.9336

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		Number-Kind Code ² (if known)			
		US- 5,028,397	07-02-1991	Merry	
		US- 5,032,441	07-16-1991	Ten Eyck et al.	
		US- 5,110,413	05-05-1992	Steer	
		US- 5,132,061	07-21-1992	Lindeman et al.	
		US- 5,145,811	09-08-1992	Lintz et al.	
		US- 5,151,253	09-29-1992	Merry et al.	
		US- 5,250,269	10-05-1993	Langer	
		US- 5,254,410	10-19-1993	Langer et al.	
		US- 5,290,522	03-01-1994	Rogers et al.	
		US- 5,326,633	07-05-1994	Clough et al.	
		US- 5,340,643	08-23-1994	Ou et al.	
		US- 5,376,341	12-27-1994	Gulati	
		US- 5,380,580	01-10-1995	Rogers et al.	
		US- 5,389,716	02-14-1995	Graves	
		US- 5,453,116	09-26-1995	Fischer et al.	
		US- 5,523,059	06-04-1996	Langer	
		US- 5,580,532	12-03-1996	Robinson et al.	
		US- 5,585,312	12-17-1996	Ten Eyck et al.	
		US- 5,666,726	09-16-1997	Robinson et al.	

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		Number-Kind Code ² (if known)			
		US- 5,686,039	11-11-1997	Merry	
		US- 5,736,109	04-07-1998	Howorth et al.	
		US- 5,853,675	12-29-1998	Howorth	
		US- 5,869,010	02-09-1999	Langer	
		US- 5,882,608	03-16-1999	Sanocki et al.	
		US- 6,051,193	04-18-2000	Langer et al.	
		US- 6,183,852 B1	02-06-2001	Rorabaugh et al.	
		US- 6,224,835 B1	05-01-2001	Langer	
		US- 6,231,818 B1	05-15-2001	Ten Eyck	
		US- 6,245,301 B1	06-12-2001	Stroom et al.	
		US- 6,365,267 B1	04-02-2002	Langer et al.	
		US- 6,417,125 B1	07-09-2002	Rorabaugh et al.	
		US- 6,458,418 B2	10-01-2002	Langer et al.	
		US- 6,613,294 B2	09-02-2003	Sanocki et al.	
		US- 3,861,881	01-21-1975	Nowak	
		US-			
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		US-			
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		Attorney Docket Number	UNF.P.9336
Sheet	5	of	5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GULATI, TEN EYCK, & LEBOLD, Durable Packaging Design for Cordierite Ceramic Catalysts for Motorcycle Application, 03/01/93, Society of Automotive Engineers Meeting, Detroit, MI.	
		MARNET, GULATI, LAMBERT, & ZINK. System Durability of a Ceramic Racetrack Converter. Oct. 1991, International Fuels and Lubricants Meeting, Toronto, Canada	
		United States Application Publication No. 2001/0036427 A1, 11-01-2001, Yamada et al.	
		United States Application Publication No. 2002/0025750 A1, 02-28-2002, Dinwoodle.	
		United States Application Publication No. 2002/0025904 A1, 02-28-2002, Goto et al.	
		United States Application Publication No. 2003/0165638 A1, 09-04-2003, Louks et al.	
		United States Serial No. 09/560,469, filed April 28, 2000, entitled "Support Element for Fragile Structures Such as Catalytic Converters."	
		United States Serial No. 09/854,836, filed May 14, 2001, entitled "Amorphous Non-Intumescent Inorganic Fiber Mat for Low Temperature Exhaust Gas Treated Devices."	

Examiner Signature		Date Considered	
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